

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S17	1	"20050199184"	US_PGPUB; USPAT	OR	ON	2006/02/14 10:42
S18	24	("4138306" "4563367" "4910042" "4913929" "4988644" "5000113" "5158644" "5346579" "5350480" "5403434" "5662770" "5688357" "5770098" "5792272" "5812403" "5844195" "5942804" "6039834" "6060400" "6125850" "6148832" "6170428" "6182602" "6217951").PN.	US_PGPUB; USPAT	OR	ON	2006/02/16 10:17
S19	1	"6450117".pn.	US_PGPUB; USPAT	OR	ON	2006/02/14 16:22
S20	83019	(gas near3 (distribut\$3 inject \$3 manifold))	US_PGPUB; USPAT	OR	ON	2006/02/14 16:23
S21	121	S20 and (baffle and vane and hub)	US_PGPUB; USPAT	OR	ON	2006/02/14 17:16
S22	509	156/345.33.ccls. 156/345.34. ccls.	US_PGPUB; USPAT	OR	ON	2006/02/14 17:12
S23	2924	118/715.ccls.	US_PGPUB; USPAT	OR	ON	2006/02/14 17:16
S24	1	S23 and (baffle and vane and hub)	US_PGPUB; USPAT	OR	ON	2006/02/14 17:17
S25	8	S23 and (baffle and vane)	US_PGPUB; USPAT	OR	ON	2006/02/14 17:17
S26	503786	"118"/\$.ccls. 156/345.\$2.ccls. "216"/\$.ccls. "427"/\$.ccls. "438"/\$.ccls. "204"/\$.ccls.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 18:08
S27	11183	S26 and (gas near3 (distribut \$3 inject\$3 manifold))	US_PGPUB; USPAT	OR	ON	2006/02/14 18:42
S28	1273	S27 and (baffle impeller)	US_PGPUB; USPAT	OR	ON	2006/02/14 18:10
S29	34	S27 and ((baffle impeller) same (blade vane))	US_PGPUB; USPAT	OR	ON	2006/02/14 18:41
S30	34	S27 and ((baffle impeller) same (blade vane))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 18:42

S31	160565	(gas near3 (distribut\$3 inject \$3 manifold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 18:43
S32	1288	S31 and (baffle and vane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 18:44
S33	8	S32 and showerhead	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 18:43
S34	1288	S31 and (baffle and vanes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 19:04
S35	61	S34 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 19:12
S36	82342	(showerhead or (shower adj head)) or (gas near2 (distribut \$4 or dispers\$4 diffuser\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 19:15
S37	5058	S36 and (vane ridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 19:16
S38	593	S37 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 19:17
S39	93	S37 and (118/715.ccls. 156/345.33.ccls. 156/345.34.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 20:11
S40	8	("3992137" "4165963" "4287673" "5209402" "5308969" "5595602" "6113700" "6299436").PN. OR ("6663025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 19:55
S41	1	"5935337".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 19:56

S42	11	("4209357" "4625678" "5106453" "5653806").PN. OR ("5935337").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 19:56
S43	242	gas and baffle and vane	EPO; JPO; DERWENT	OR	ON	2006/02/14 20:13
S44	1	S43 and plasma	EPO; JPO; DERWENT	OR	ON	2006/02/14 20:13
S45	942670	showerhead or (shower head)	EPO; JPO; DERWENT	OR	ON	2006/02/14 20:13
S46	12	S45 and (gas and baffle and vane)	EPO; JPO; DERWENT	OR	ON	2006/02/14 20:14
S47	3067	118/715.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 20:16
S48	1830	S47 and (gas and (diffuser disperser baffle distribut\$4 inject\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 20:17
S49	115	S48 and (vane ridge)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 20:18
S50	35	S49 not S39	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 20:18
S51	509	156/345.33.ccls. 156/345.34.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/15 10:06
S52	3067	118/715.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 10:06
S53	2860	S52 not S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 10:06
S54	19122	((Gas near2 distribut\$4) and (hub conduit pipe inlet))	US-PGPUB; USPAT	OR	ON	2006/02/15 12:11
S55	1958	S54 and ("118"/\$.ccls. 156/345.\$2.ccls.)	US-PGPUB; USPAT	OR	ON	2006/02/15 12:01
S56	513	S55 and showerhead	US-PGPUB; USPAT	OR	ON	2006/02/15 12:02
S57	896	S55 and (showerhead (shower head))	US-PGPUB; USPAT	OR	ON	2006/02/15 12:02
S58	222	S57 and baffle	US-PGPUB; USPAT	OR	ON	2006/02/15 12:03
S59	99	((Gas near2 distribut\$4) same hub	US-PGPUB; USPAT	OR	ON	2006/02/15 12:44
S60	540	((Gas near2 distribut\$4) and (hub and (tube pipe conduit)))	US-PGPUB; USPAT	OR	ON	2006/02/15 12:45
S61	79	S60 and ("118"/\$.ccls. 156/345.\$2.ccls. "427"/\$.ccls. "438"/\$.ccls. "216"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/02/15 13:06
S62	1	"20050026402"	US-PGPUB; USPAT	OR	ON	2006/02/15 13:06

S63	7231	(gas near2 (distribut\$4 inject \$4 introduce\$4) and (plural\$4 same channel\$3))	US_PGPUB; USPAT	OR	ON	2006/02/15 15:21
S64	503786	"118"/\$.cols. 156/345.\$2.0C1s. "216"/\$.cols. "427"/\$.cols. "438"/\$.cols. "204"/\$.cols.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 15:21
S65	1359	S63 and S64	US_PGPUB; USPAT	OR	ON	2006/02/15 15:21
S66	71	S65 and ((hub or (center near2 feed\$3)))	US_PGPUB; USPAT	OR	ON	2006/02/15 15:42
S67	12	S65 and ((hub or (center near2 feed\$3))) same (plural \$3 same channel\$3))	US_PGPUB; USPAT	OR	ON	2006/02/15 15:44
S68	56	(laxman near2 murugesh).in. (padmanabhan near2 krishnaraj).in. (carl near2 dunham).in.	US_PGPUB; USPAT	OR	ON	2006/02/15 16:39
S69	2	"20040060657" "20040060661"	US_PGPUB; USPAT	OR	ON	2006/02/15 16:47
S70	5316	(applied near2 materials).as.	US_PGPUB; USPAT	OR	ON	2006/02/15 18:33
S71	161	S70 and ((gas near2 distribut \$4) and baffle)	US_PGPUB; USPAT	OR	ON	2006/02/15 18:34
S72	1	S71 and vane	US_PGPUB; USPAT	OR	ON	2006/02/15 18:35
S73	213	S71 or S68	US_PGPUB; USPAT	OR	ON	2006/02/15 19:15
S74	0	"200500264021"	DERWENT	OR	ON	2006/02/15 19:16
S75	1	"20050026402"	DERWENT	OR	ON	2006/02/15 19:19
S76	1	2003-543086.NRAN.	DERWENT	OR	ON	2006/02/15 19:16
S77	2	"20050026402"	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 19:19
S78	283	jurgensen.in.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 19:20
S79	32	(holger near2 jurgensen).in.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 19:20

S80	2	6878206.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/16 08:46
S81	243	("20010000866" "20010009140" "20010011526" "20010013312" "20010014371" "20010031562" "20010034123" "20010041250" "20010042523" "20010042799" "20010054377" "20020000196" "20020007790" "20020041931" "20020052097" "20020066411" "20020073924" "20020076481" "20020076507" "20020076508" "20020086106" "20020092471" "20020094689" "20020104481" "20020108570" "20020121241" "20020121342" "20020127745" "20020134307" "20020144655" "20020144657" "20020146511" "20030004723" "20030010451" "20030022338" "20030042630" "20030053799" "20030072913" "20030075273" "20030075925" "20030079686" "20030089308" "20030101927" "20030106490" "20030113187" "20030116087" "20030121469" "20030121608" "20030140854" "20030143328" "20030143747" "20030153177" "20030172872" "20030194493"	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/16 10:13

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S82	1	20040200412"	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/16 10:13
S83	24	("4138306" "4563367" "4910042" "4913929" "4988644" "5000113" "5158644" "5346579" "5350480" "5403434" "5662770" "5688357" "5770098" "5792272" "5812403" "5844195" "5942804" "6039834" "6060400" "6125859" "6148832" "6170428" "6182602" "6217951").PN.	US-PGPUB; USPAT	OR	ON	2006/02/16 10:17
S84	4	S83 and showerhead	US-PGPUB; USPAT	OR	ON	2006/02/16 10:17

S85	3115	118/715.cds.	US-PGPUB; USPAT	OR	ON	2006/08/02 12:35
S86	8	S85 and (gas and baffle and vane\$2)	US-PGPUB; USPAT	OR	ON	2006/08/02 12:38
S87	36	S85 and (gas and baffle and (vane\$2 blade\$2 impeller))	US-PGPUB; USPAT	OR	ON	2006/08/02 12:38
S88	28	S87 not S86	US-PGPUB; USPAT	OR	ON	2006/08/02 12:44
S89	56	S85 and ((baffle dispers\$3 diffus\$3 impeller) same (vane \$2 blade\$2 ridge\$2))	US-PGPUB; USPAT	OR	ON	2006/08/02 12:51
S90	41	S89 not S87	US-PGPUB; USPAT	OR	ON	2006/08/02 12:45
S91	2931	(baffle dispers\$3 diffus\$3 impeller) same ((vane\$2 blade \$2 ridge\$2) same ((upper and lower) or both or (first and second)) near3 (surface\$2 face\$2 end\$2))	US-PGPUB; USPAT	OR	ON	2006/08/02 12:54
S92	134	S91 and (118/715-733 156/345,\$2 "204"/\$ "216"/\$ "219"/\$ "315"/\$ "427"/\$ "438"/\$).cds.	US-PGPUB; USPAT	OR	ON	2006/08/02 12:55
S93	127	S92 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2006/08/02 12:55
S94	125	S93 not S89	US-PGPUB; USPAT	OR	ON	2006/08/02 13:48
S95	1	"8450117".pn.	US-PGPUB; USPAT	OR	ON	2006/08/02 13:48
S96	24	(*4138306* "4563367" "4910042" "4913929" "4988644" "5000113" "5158644" "5346579" "5350480" "5403434" "5662770" "5688357" "5770098" "5792272" "5812403" "5844195" "5942804" "6039834" "6060400" "6125859" "6148832" "6170428" "6182602" "6217951").PN.	US-PGPUB; USPAT	OR	ON	2007/05/04 11:22
S97	3738	156/345.33,345.34.cds. 118/715.cds.	US-PGPUB; USPAT	OR	ON	2007/05/04 12:53
S98	2868	S97 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 12:53
S99	51	S98 and ((self adj clean\$3) or ((in adj situ) near2 clean\$3))	US-PGPUB; USPAT	OR	ON	2007/05/04 11:26
S100	16	(*4709655* "4999320" "5203958" "5308950" "5542559" "5679215" "5698062" "5900103" "5997687" "6035803").PN. OR ("6277235").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 12:23

S101	42	S98 and (((baffle dispers\$3 diffus\$3 inject\$3 distribut\$3) with (vane\$2 blade\$2 fin\$2 cam\$2 curv\$5) with (clean\$3 remov\$4 reduc\$4 prevent\$3 scaveng\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:30
S102	140	maydan.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 12:47
S103	435	156/345.33.colc.	US-PGPUB; USPAT	OR	ON	2007/05/04 12:53
S104	333	S103 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 14:34
S105	61	S104 and (gas with (vane\$2 fin\$2 blade\$2 cam\$2 curv\$5))	US-PGPUB; USPAT	OR	ON	2007/05/04 12:54
S106	1	"6450117".pn.	US-PGPUB; USPAT	OR	ON	2007/05/04 17:53
S107	31	("4282267" "4433228" "4576682" "4738748" "4818326" "4831963" "4863561" "4867841" "5002632" "5010842" "5084126" "5158644" "5282899" "5312519" "5356478" "5382316" "5389197" "5413954" "5449411" "5637237" "5772771" "5976993" "6085690"),PN, OR ("6450117"),URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:09
S108	36059	(((baffle dispers\$3 diffus\$3 inject\$3 distribut\$3) with (vane\$2 blade\$2 fin\$2 cam\$2 curv\$5) with ((self adj clean\$3) or remov\$4 or reduc\$4 or prevent\$3 or scaveng\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:33
S109	2819	S108 and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:33
S110	48	(((baffle dispers\$3 diffus\$3 inject\$3 distribut\$3) with (vane\$2 blade\$2 fin\$2 cam\$2 curv\$5) with (self adj clean\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:36
S111	20	S110 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 14:37
S112	0	(((baffle dispers\$3 diffus\$3 inject\$3 distribut\$3) with (vane\$2 blade\$2 fin\$2 cam\$2 curv\$5) with ((in adj situ) adj clean\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:36
S113	864	(((baffle dispers\$3 diffus\$3 inject\$3 distribut\$3) with (self adj clean\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:38

S114	594	S113 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 14:38
S115	49	S114 and plasma	US-PGPUB; USPAT	OR	ON	2007/05/04 14:37
S116	71	((baffle dispers\$3 diffus\$3 inject\$3 distribut\$3) with (self adj clean\$3)) and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:38
S117	49	S116 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 14:53
S118	116	("4529474" "4534816" "4657616").PN. OR ("4960488").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:53
S119	97	S118 and clean\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 14:55
S120	91	S119 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 14:55
S121	110	S118 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 17:16
S122	43	S121 and (clean\$3 near4 (self local\$3 situ))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 15:05
S123	1	"5643394".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 17:04
S124	1	"6899764".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 17:04
S125	5	("4450786" "4961399" "4976217" "5788777" "6342691").PN. OR ("6899764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 17:12
S126	792	((gas adj (distribut\$3 inlet)) same (bypass near4 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 17:15
S127	477	S126 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/04 17:16
S128	28	S97 and S127	US-PGPUB; USPAT	OR	ON	2007/05/04 17:16
S129	1	"6132512".pn.	US-PGPUB; USPAT	OR	ON	2007/05/04 17:53
S130	432	156/345.33,3454.34.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/06 15:39
S131	236	S130 and clean\$3	US-PGPUB; USPAT	OR	ON	2007/05/06 15:45
S132	179	S131 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/05/06 16:03
S133	1	"6450117".pn.	US-PGPUB; USPAT	OR	ON	2007/05/06 16:03
S134	16	((gas near3 distribut\$4) with ((self or (in adj situ)) adj clean\$3))	US-PGPUB; USPAT	OR	ON	2007/09/25 18:42
S135	13	S134 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 14:07

S136	332	((gas near3 (distribut\$4 diffus\$3 dispers\$3 dispense\$4)) near6 clean\$3) and plasma	US-PGPUB; USPAT	OR	ON	2007/09/25 14:54
S137	266	S136 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 14:55
S138	26	((gas near3 (distribut\$4 diffus\$3 dispers\$3 dispense\$4 inlet)) near6 clean\$3) with (vane\$2 blade\$2 arc\$4)	US-PGPUB; USPAT	OR	ON	2007/09/25 14:57
S139	21	S138 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 14:59
S140	0	(gas near3 (distribut\$4 diffus\$3 dispers\$3 dispense\$4 inlet)) with ((self local\$3) near3 clean\$3) with (vane\$2 blade\$2 arc\$4)	US-PGPUB; USPAT	OR	ON	2007/09/25 14:59
S141	58	(gas near3 (distribut\$4 diffus\$3 dispers\$3 dispense\$4 inlet)) with ((self local\$3) near3 clean\$3)	US-PGPUB; USPAT	OR	ON	2007/09/25 16:17
S142	52	S141 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 17:53
S143	336	156/345.33.ccls. and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 15:08
S144	153	S143 and (vane\$2 blade\$2 angle\$2 arcuate)	US-PGPUB; USPAT	OR	ON	2007/09/25 15:20
S145	86	S143 and ((vane\$2 blade\$2 angle\$2 arcuate) and clean\$3)	US-PGPUB; USPAT	OR	ON	2007/09/25 15:09
S146	67	S144 not S145	US-PGPUB; USPAT	OR	ON	2007/09/25 16:03
S147	310	baffle with ((vane\$2 blade\$2 fan\$2) near6 (dual double second two opposi\$3)) same (chamber housing reactor)	US-PGPUB; USPAT	OR	ON	2007/09/25 16:05
S148	269	S147 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 18:22
S149	781	(gas near3 (distribut\$4 diffus\$3 dispers\$3 dispense\$4 inlet)) same ((vane\$2 blade\$2 fan\$2) near6 (dual double second two opposi\$3))	US-PGPUB; USPAT	OR	ON	2007/09/25 16:18
S150	628	((gas near3 (distribut\$4 diffus\$3 dispers\$3 dispense\$4 inlet)) same ((vane\$2 blade\$2 fan\$2) near6 (dual double second two opposi\$3)) and (chamber reactor housing))	US-PGPUB; USPAT	OR	ON	2007/09/25 16:19

S151	282	((gas near3 (distribut\$4 diffus\$3 dispers\$3 dispense\$4 inlet)) with ((vane\$2 blade\$2 fan\$2) near6 (dual double second two opposi\$3))) and (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 16:31
S152	256	S151 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 16:19
S153	10	((gas near3 baffle) with ((vane\$2 blade\$2 fan\$2) near6 (dual double second two opposi\$3))) and (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 16:43
S154	773	((gas and (distribut\$3 baffle dispers\$3 dispense\$4 diffus\$4 inlet inject\$3)) and ((vane\$2 blade\$2 fan\$2) near6 (dual double second two opposi\$3))) and (chamber reactor housing)	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:09
S155	409	((gas and (distribut\$3 baffle dispers\$3 dispense\$4 diffus\$4 inlet inject\$3)) same ((vane\$2 blade\$2 fan\$2) near6 (dual double second two opposi\$3))) and (chamber reactor housing)	EPO; JPO; DERWENT	OR	ON	2007/09/25 16:45
S156	300	((gas with (distribut\$3 baffle dispers\$3 dispense\$4 diffus\$4 inlet inject\$3)) same ((vane\$2 blade\$2 fan\$2) near6 (dual double second two opposi\$3))) and (chamber reactor housing)	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:06
S157	249	S156 and @ad<"20040309"	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:09
S158	37	((gas with impeller) same ((vane\$2 blade\$2 fan\$2) near6 (dual double second two opposi\$3))) and (chamber reactor housing)	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:07
S159	364	S154 not S155	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:09
S160	297	S159 and @ad<"20040309"	EPO; JPO; DERWENT	OR	ON	2007/09/25 17:10
S161	21	(((double two) adj sided adj (impeller baffle)) same (vane\$2 blade\$2 fan\$2)) and (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:22
S162	11	S161 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 17:58
S163	1	6663025*.pn.	US-PGPUB; USPAT	OR	ON	2007/09/25 17:58

S164	8	("3992137" "4165963" "4287673" "5209402" "5308989" "5595602" "6113700" "6299436").PN. OR ("6663025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/25 17:58
S165	3481	118/715.cds.	US-PGPUB; USPAT	OR	ON	2007/09/25 18:22
S166	2616	S165 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 18:44
S167	0	S166 and (((double two) adj sided adj (impeller baffle)) same (vane\$2 blade\$2 fan \$2)) and (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:24
S168	1	S166 and (((double two) near3 (impeller baffle)) same (vane\$2 blade\$2 fan\$2)) and (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:24
S169	68	(gas near3 (distribut\$4 baffle impeller diffus\$3 dispens\$3 disper\$3 inject\$3) with ((self or (in adj situ)) or local\$3) adj clean\$3)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:51
S170	58	S169 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 18:52
S171	2474	(gas near3 (distribut\$4 baffle impeller diffus\$3 dispens\$3 disper\$3 inject\$3) with (vane \$2 blade\$2 fan\$2)	US-PGPUB; USPAT	OR	ON	2007/09/25 18:53
S172	2147	S171 and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/25 18:52
S173	16	S172 and (118/715 156/345.33).cds.	US-PGPUB; USPAT	OR	ON	2007/09/26 08:49
S174	12	S172 and (118/716-733 156/345.\$2).cds.	US-PGPUB; USPAT	OR	ON	2007/09/25 18:56
S175	13	S172 and ("216"/\$ "315"/\$ "438"/\$).cds.	US-PGPUB; USPAT	OR	ON	2007/09/25 18:57
S176	2786	(118/715 156/345.33).cds. and @ad<"20040309"	US-PGPUB; USPAT	OR	ON	2007/09/26 09:18
S177	20	S176 and (clean\$3 with (blade \$2 vane\$2 fan\$2))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:59
S178	2852	((clean\$3 with gas with (blade \$2 vane\$2 fan\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/26 08:52
S179	1323	(clean\$3 with gas with (blade \$2 vane\$2 fan\$2))	EPO; JPO; DERWENT	OR	ON	2007/09/26 08:52
S180	22	S179 and C23C 16/00.ipc.	EPO; JPO; DERWENT	OR	ON	2007/09/26 08:54
S181	7	S179 and C23F 01/00.ipc.	EPO; JPO; DERWENT	OR	ON	2007/09/26 08:55

S182	20	S179 and H01L 21/00.ipc.	EPO; JPO; DERWENT	OR	ON	2007/09/26 08:55
S183	2	S176 and ((gas adj inlet) same (clean\$3 with (blade\$2 vane\$2 fan\$2)))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:00
S184	1	S176 and ((impeller diffus\$3 dispers\$3 dispens\$3 inlet inject\$3 distribut\$3) with (clean\$3 with (blade\$2 vane \$2 fan\$2)))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:17
S185	3	S176 and ((impeller diffus\$3 dispers\$3 dispers\$3 inlet inject\$3 distribut\$3) same (clean\$3 with (blade\$2 vane \$2 fan\$2)))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:01
S186	67	S176 and ((impeller diffus\$3 dispers\$3 dispers\$3 inlet inject\$3 distribut\$3) with (blade\$2 vane\$2 fan\$2))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:02
S187	67	S176 and ((impeller diffus\$3 dispers\$3 dispers\$3 inlet inject\$3 distribut\$3) with (blade\$2 vane\$2 fan\$2))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:02
S188	336	(156/345.33).ccls. and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/26 09:08
S189	51	S188 and (blade\$2 vane\$2 fan \$2)	US-PGPUB; USPAT	OR	ON	2007/09/26 09:09
S190	62	S188 and ((impeller diffus\$3 dispers\$3 dispers\$3 inlet inject\$3 distribut\$3) with clean \$3)	US-PGPUB; USPAT	OR	ON	2007/09/26 09:15
S191	3311	((impeller diffus\$3 dispers\$3 dispers\$3 inlet inject\$3 distribut\$3) with (clean\$3 with (blade\$2 vane\$2 fan \$2)))	US-PGPUB; USPAT	OR	ON	2007/09/26 09:17
S192	1223	((impeller diffus\$3 dispers\$3 dispers\$3 inlet inject\$3 distribut\$3) with clean\$3 with (blade\$2 vane\$2 fan\$2)) same (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/26 09:37
S193	1046	S192 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/26 09:32
S194	17	S192 and @ad< "20040309" and plasma	US-PGPUB; USPAT	OR	ON	2007/09/26 09:37
S195	469	((impeller diffus\$3 dispers\$3 dispers\$3 inlet inject\$3 distribut\$3) with clean\$3 with (blade\$2 vane\$2)) same (chamber reactor housing)	US-PGPUB; USPAT	OR	ON	2007/09/26 09:37
S196	420	S195 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/26 10:07

S197	12	S176 and (((self adj clean\$3) or ((in adj situ) near clean\$3) or (local\$4 near2 clean\$3)) with (gas near5 flow\$2))	US-PGPUB; USPAT	OR	ON	2007/09/26 10:10
S198	20	(118/716-733.ccls. 156/345. \$2.ccls.) and (((self adj clean \$3) or ((in adj situ) near clean \$3) or (local\$4 near2 clean \$3)) with (gas near5 flow\$2))	US-PGPUB; USPAT	OR	ON	2007/09/26 10:07
S199	18	S198 and @ad< "20040309"	US-PGPUB; USPAT	OR	ON	2007/09/26 10:07
S200	2	S176 and (((self adj clean\$3) or ((in adj situ) near clean\$3) or (local\$4 near2 clean\$3)) with ((gas near3 flow\$2) near7 (control\$3 adjust\$4)))	US-PGPUB; USPAT	OR	ON	2007/09/26 10:11
S201	3	(118/716-733.ccls. 156/345. \$2.ccls.) and (((self adj clean \$3) or ((in adj situ) near clean \$3) or (local\$4 near2 clean \$3)) with ((gas near3 flow\$2) near7 (control\$3 adjust\$4)))	US-PGPUB; USPAT	OR	ON	2007/09/26 10:12
S202	1	"6120605".pr.	US-PGPUB; USPAT	OR	ON	2007/09/26 10:39

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